

WHAT IS CLAIMED IS:

1. Oxidized collagen wherein the thiomethyl group of one or more of the methionine residues of the collagen have been replaced by methylsulfoxy and/or methylsulfonyl groups.
2. A pharmaceutical composition comprising:
 - (a) collagen, and
 - (b) a pharmaceutical drug,wherein the pH of the pharmaceutical composition is less than about 4.5.
- 10 3. The pharmaceutical composition of Claim 2, wherein the pH of the collagen is from about 2.5 to 4.5.
4. The pharmaceutical composition of Claim 2, wherein the concentration of collagen in the composition is about 3 % w/w or lower.
- 15 5. The pharmaceutical composition of Claim 4, wherein the concentration of the collagen in the composition is from about 1 % w/w to about 3 % w/w.
6. A pharmaceutical composition comprising:
 - (a) collagen,
 - (b) oxidized collagen, wherein the thiomethyl group of20 one or more of the methionine residues of the collagen have been replaced by methylsulfoxy and/or methylsulfonyl groups, and
 - (c) a pharmaceutical drug,wherein the pH of the pharmaceutical composition is less than about 4.5.
- 25 7. The pharmaceutical composition of Claim 6, wherein the pH of the collagen is from about 2.5 to 4.5.
8. The pharmaceutical composition of Claims 6, wherein the concentration of collagen in the composition is about 3 % w/w or lower.

9. The pharmaceutical composition of Claim 8, wherein the concentration of the collagen in the composition is from about 1 % w/w to about 3 % w/w.

10. The pharmaceutical composition of Claim 6, wherein at least 5 20% of the thiomethyl groups have been replaced by methylsulfoxyl and/or methylsulfonyl groups.

11. The pharmaceutical composition of Claim 6, wherein at least 40% of the thiomethyl groups have been replaced by methylsulfoxyl and/or methylsulfonyl groups.

10 12. The pharmaceutical composition of Claim 6, wherein at least 60 % of the thiomethyl groups have been replaced by methylsulfoxyl and/or methylsulfonyl groups.

13. The pharmaceutical composition of Claim 6, wherein the pharmaceutical drug is compatible with non-oxidized collagen.

15 14. The pharmaceutical composition of Claim 6, wherein the pharmaceutical drug is non-compatible with non-oxidized collagen.

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